AVAILUDE DEUS MGRAW-HILL PUBLISHING COMPANY, INC. SEPTEMBER 4, 1944

Urge Speedy Study of CAR Changes

ACC Airworthiness Requireents Subcommittee and ATA group among major bodies seeking consideration......Page 44

17 Lines Take Issue With Senators

Charge Bailey and Clark gave 'rong impression as to air transport industry's support of "community" proposal..... Page 57

"Anyone Can Solo in 5½ Hours"
Parks Air College survey
shows average student can pilot
plane in less time; operating expense less than light car.Page 18

Canada Asks Only Transport Orders

Parliament group recommends further contracts, cover Army transports rather than fighter craft............Page 34

Army Tests Platt-LePage Dual Rotor Flight experiments at Wright

Flight experiments at Wright Field reveal AAF's four years' development work on new XR-1 helicopter.......Page 38

Airborne Paves Way for Allied Push

Beech Speaks of Its Post-War Plans To introduce new line of



Forecasts Aircraft Contract Terminations: Maj. Gen. Bennett E. Meyers, deputy director of AAF Air Technical Service Command, who sees one-third of all contracts in the aircraft industry terminated with Germany's fall. Gen. Meyers is playing a vital role in renegotiation, contract termination and production cutback program. (Story on Page 16)

A Better RELIEF VALVE For Aircraft Hydraulic Systems



THE AVIATION NEWS Washington Observer

X-DAY PLANS-Officials in Workington or two executives in telling the world that they exconcerned over what may happen to war production on the day that Germany is defeated The attuntion is receiving the ettention of pro-

duction so well so pulitary men in the capital Some aircraft companies are proposing that they still well recease before Japan is brought to its knees. The Navy is particularly concorned about possible predaction interruptions which may fellow the fall of Germany.

still regame tremendous production. Both miliwhen X-Day comes in Surope. Details are now

POST-WAR PLANS-Two important aircraft construction in different fields have despect bints of their post-were along within the weekbeen relactant to discuss the future, except in the rest repeal term. The action of these

corpes again is being concerneded in Wathing-

CUTBACK PROCEDURE-The force council by unexpected cutbacks in Army amplane production recently resulted in close attention to future procedure in such cases in official Wash-The Many, for excernale, is send to have decided resultant emphasis which a Washington date-

CUTBACK SAVINGS-Washington green scent efficiets any referately that teamsyry in riffer having war plants should throw their hate william of dellars which would came ant of their neckets. This is causer said then done when n comparedty's economy is largely halft on year penduction but in the langurence view of thises-



U. S. Ngara treatment blooms home to roost in their Modett Field hancer.



PRODUCTION LAG-B his finally come to light, but nothing has been published on the gabout, that, fellowing General Semercell's reprived an urgest appeal from the OWI London counts of the reported lags caused some domor-OWI wanted assurgation to fight the reports Nelson was never shir to gave OWI the letter it vell's companys was that, while home front

BRITISH FIRE DOMB-Allied bushers are

carrying a new deadly and devastating incondincy beenly which weight about 10 pounds, in 21



Another presson the Name don't bite

Its main fifting is a solution of methane in gaseline under pressure. Descent of the humb is custrolled by a parachute which reduces its teragent velocity. When the bomb lands, it emits free, its tail a flame about 15 feet long and two feet wide. The Axis has been completeling obout it.

AVIATION NEWS & WHATE CONTENTS THE PHOTOS

AVE GONE TO SEA

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THE TREATE THE TREATE

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HANSEN MANUFACTURING CO.

1780 EAST 27th STREET . CLEVELAND 14. OHIO

QUICKER BECAUSE OF

AVIATION NEWS . September 4, 1944

still recentary they will east the cuttack shock or much as possible, but the fact remains the shock is compare and may place consequentles.

\$1,000,000 are to be coordinated. This committee is working on plans to pave the way for cardinely. This will not eliminate the shock.

CAMEL'S BACK-The sixuaft outback statement, which was released through OHI, was are of the atrees that broke the comet's back or the Berney-Army cross was concerned. The of workers, tald when they would be released and in what areas. Knowing that Netion felt that the flyrms directly, was unnecessary and was imped at Army insistence to further onbarrous Nebum in his efforts to barrels the colo-

DEMORSLIZATION HEAD... When Coursess Office of Demokstration may fall to J. S. Krus now acting WPB charrens. A mashie bloc of President placed Krus in the WPB spot to test the young arting chairman is able to patch upoffer hym

KINDLY EYE-New that the rush is begintring Endowd officials are backing with a same kindly eye on state artistion commissions and at least one high official has expressed the hope the federal public reads peogram is administered, with the CAA an overall agency alloting fund to states, which would then carry out the lunding facility programs. State officials are AVIATION NEWS . September 4, 1944

.....................

HOW CLOSE are "close tolerances" in laminated plastics?

Ultimate "close talerances" on hales in parts made from sheets

Exercising extreme care in the making of tools and in the muchining of the material: and with close individual immersion of finished parts, the following tolerances may be achieved when drilling or punching holes in Dilecto laminated plastics. These

ances which the plastic nature of Dilecto will allow regardless of any further care or time which might be given to making of tools and fabrication. To hold these tolerances costs are increased substantially.

are however, the "olimate" close soler-

ture of T. P. Weight. There are strong indicators that of the program exertination divi-WPN's Average Production Board one where he has served under will be abounded, with promoces Wright of a general reshuffing of the When Besigns-Almost cornercraft Bosources Control Office.

Numbers of the Approach Pro- a blast at workings within the duction Search have recommended. WPR argumentees us to do has brough been occom-J. A Krag, acting chairman of the War Production Beard, late

h Tracy to Take Over-Meanwhite. the opportunity since WPA days. Wright, director of the office and eraft Production Board, who hos

been receivated to administrator Trucy systed the National Defence Advisory Contribution in 1940 about the tree Wright was called to Wasteriston from his post as vice-president and director of Loter Trucy transferred to the OFM and when the arroraft production division was set up within breech When that branch was dissolved and ARCO was set up in

December, 1943, he become charf

AVIATION NEWS . September 6, 1846

WPB Shakeup Expected to Result tefore an important opency with In Abolishing APB, Shuffling ARCO With the recommended folding End of Aircraft Production Board recommended by its mem-

bers on around that production job is nearing finish; Tracy to become acting director of diminushing ARCO with depareraft Bessures Control Office on Its executive agency ARCO has b Krug Fooes Tough Job-Before dental with Wright's nomination to Re CAA, Charles E, Wilson, WPD farmer WPB vice-charmon, is 34

> Third member of the Aircreft personnel shift is Lieut, Gen. Wifof propriess for WPS, he delegated to ARCO and the Aircraft Schedmaterials progries without applying to the Beard. Under the pre-

terul Commend and the Air Ser-F Three Key Men Lest-Thus, the will have to be re-delegated and



Janked fractures and somes, structed of the bulk of their uniful parts. He vs a solvoor ward accepting shipment to the United States as acrap.

At own large subtage ward at a 15th Asy Forces Service command adwanth. Over 265 demagned efficient a worth ere seed back to combet reade whole goesn with selected and were parts.

+607

**Adop. 001" gar mak on hair creen discusses for shinkage due to notes "Repayme it not recommended as a granted assering on Photological Com-FOR DESIGN ENGINEERS . . . PRODUCTION AND BUYING EXECUTIVES

. When ordering Dilecto Isminated plastics to be fabricated in your own shop . . . give full details of the fehricating problem so the most suitable form and grade of Dilecto will be furnished ... when fabricated parts are ordered. B/P's should first be submitted for study by C.D Engineers ... who can often suggest modifications which will result in lower production and die costs... for complete design data send for bulletin FP.

DOMET CHICKS New York - Clareland - Clinique - Sportseburg, S. C. West Creat Rep., Marwood, Urd., San Francisco - Sales Offices in principal cities



Wilson Resignation Loss to Inhighly satisfactory to the aircraft

occasion, aircraft industry execu-Back-ardean, Comde, H. D. Riley, miral E. M. Pace. Jr. alternate. British - Sir Bichard Fairey, Air Marshal Sir William L. Welsh and

Lovett Cites Need

Of Scrapping Planes

progradure ale force with most One of the first public moves in sooking napport for an odsentional program to acquaint the public

wash siregaft surplus was taken tary of War for Air Babert A.

force with skilled personnel and up-to-date equipment. He painted World Aviation

Work is gains ahead on the ate Commerce Convelled Charmen Clark of Manager returned to Weshington last through Nov. 7 If other subcorrespice mem-

NAA Collier Award Committee Meets

The new constitute assessment by the National Aeronautic Asso-

Orover Leering, sircraft consultant, offee of the chairman of War Production Board, is theirmen, ics, William P. Redding, execuU. S. Experts Ready For World Air Talks

countries virtually completed, Asunited Secretory of State Adelt willingness. State Department of-

taken room

b Sets Undecided-Decides has not This country's representatives beneed some other country may want nation in international air trans-

Greyhound Buses May Use Plane Engines attempt to adopt ser-cooled nymteen engines to highway tennoper-

While Councildated Valley offcooled engines and memperate a

struction beretedore foreign to bus-FG, M. Gets Bus Order-Cornerthat an order for new type house, Motors. Deliveries in bath inentitee; and Lester D. Gurdner,

WEST COAST REPORT Intrastate Air Policy

Studied in California Penyton planned by Goy, War

By SCHOLER BANGS Western factory heads and aumentantly action by Goy, Earl western leader in post-war aviation. When he does act, he doubt-

able extent of state rights in conconferred at length with no less an sufferey than Owesld Ryan, Civil PEANE BUILDERS HOPEFULdo so no leozer. Their sales of

Unit Renamed Army Air Parses Material Contrained at Woods Pools and tor of both Brig Gen Kmseth B Wells commands Wright Field and Maj. Oen. Clements MacNailen in corrmander of Potterson

dated and General Maters in such direct fashion will receive thate ettention of both suternative and

CAA TRAINERS RECEIVE SCHOLARSHIP AWARDS:

monate-wave of overest encours at Peatt & Wattney Uthour Jesse D. Posts & Whitney, and Jam Torres, Cube, who well shado success transpor-

seeing the plane they weren't supnew transports begun to fall off sirport for erveral months, and atritices will be forced to shelve West Coast builders have on hand today savegions that will

ret arresport This will induce a that more than any other one thene may delay "count plane" venture: Manufacturers fear that my 'Queen Mary' springer they study attempt to build will be rendered absolute before they are fewn. They are greng to prefer to steek with the building of modreplaced by new models embodymy new operating economics and

ple of military "secreey." The War Department said "No" to the shown a new, mectacular, and an after-bancheon skycratas over

by thousands of garden variety POST MORTEM-Western factary executives who recently

Veltee's admenition to workers-"What you do today is determining reacht have been heaty, In analysis vary's "What you do teday the rest-way opposition meried. A CONSAIRWAY ... Corresp's forta

train ATC apline, Consurant been switched from Australia to gible saset-since the sirline owns FIET PROPULATION -- Commer-It is that a jet fighter receptly

Congressmen Back From II S Air Tour

Members of House group report Bealisation of the serviceance of

milee, who returned last week hepung to subrut it to the Speaker in mid-September until after the h Horney Candacted-Widd role

Jap sirmen, having destroyed year. A high percentage of our successfuld 3.663 a reastly marr.

Origin of Naval Aviation

For the record, the formal becommon of Naval awaters date Then Curton and Lieut T "Spain" Elyson, a Naval officer mulon Irving Churchura 198N.

strated the device by landing in In the corner of 1911, Lorote the eta, it flying a pione off the in 1810, flying frees a platform in the boys of the USS Bernanghier. and war, to the engineers it has

Navy Air Celebrates fronter forces. From years aga-31st Anniversary

turner the total Dec. T. 1941.

Further emphasis on heavier

came to a halt as this work-horse

was replaced to a large extent by the faster, mere destructive Cur-

\$231 Shope Furthies-Naval ave-

cities, englance of those in ad-

tan SDEC Helldrer.

At the outbreek of the war the lets on duty, more than seven are 14 fast combat carriers of the

> compared with the array and arrangement of ships, planes and other weapons-old and newwhich are ready to lish out now

AVIATION CALENDAR Hart 4-Arm Method Assembles. As-mostage, 2-Breeze, Street, 21 Links, Oct. 5-Ar Link Disputation Assemble Col. D-T-CAY Medical Alreads Engineering and Production Morting Let August. Oct. Bi-Jacobson of Arrivatical Seasons. National Air Tensors Revine Baltin 13.34 Detrend Associates of Shriv children Officials, Association of Shriv children Officials, Associal Medius, Phila-16-24 - Abstract Clinic of December Ariaation is maintaining 231 shore fa-

tion Planning Children of Germanic Aria-tion Planning Children City. Dec. 44-AAE Selfons! Air Corps Meeting, Officers Dec. 10-december 2 annual Heating, Arlanua Distribution and Mirrodusteness Associa-tion deficies filed, 25. Look, 26. Dec. 81-Medical Aradion Trade Associa-iem, Armed Consuming, Jefferson Scini, 21 Loop, 26.

CAA Station Tests Full Range Of Surplus Military Plane Types

Bose wolf to check all kinds of used ships from liaison two senters to airliners to determine probable sales value. By ALEXANDER MISURELY

major Army medifications, drawn surplus and clurble for sale is best at Dayton Municipal Air-J. D. McCulcheen, menager of

one hurson and offer some at the country, and emphasizes that it has no part in the rate of surplus 9 Get 25 Hours' Tests-As your as for the CAA test base to be test

elirch, ciabillity, and other charmes conspicted furficers are expected to sections in Washington, with approved with certain modificatreas, or that the house be doug-

b Waddentions-If the place con be modified to be eligible for Ileffort to interest the manufacturer madification party. It resuld then made at his own expense below type tested commercially before the war, like the Douglas DC-3. now widely used as a transport

tary versions, unless they have

Prom commercial agricers with major madifications, can be in-Fransports-Type tests on new C-47 Communds, the Douglas

> they may be amore the last miletary types to be placed in this category, so that the correspond

changes and it appears that the restituty versions are ready for diseased as surplus, before the is probable that the CAA test base will go sheed on military version Four Planes Type-Tested-Since spening operations at Vandalia in place observation plane, mid-wing

surgica military pleases of the same

managines, 1,852 by engine, with some passibilities as a commercial mary trainer, low-wing monoplane, Fairchild design, 220 hp biplane primary tearner, 235 hrs



Tenting Posters 242 Transport: London with sheet and consuming to the neight of 10 passengers and reats, this Seeing 247 transport is ready modifications changing engines and propellers. In mekelik, CAA Flight

Surplus Alexands Awell CAA OK: At CAA test base soal locations by CAA. Left to right. Awen Asset for surplus planes of Dayton Army Air Pield, Van- (Consider best) AT-28; North American O-178 della. Ohio, frue armo plante declared curplus are observation plant. Acronos-built PT-23 transer

ore a Booing Model 247 (Array description C-73) twin-regime

transport, which will carry 16

wing observation monophine

ably would be salywed ar

Control of Canadian Victors in

though Lorsnan Ltd. and Walers.

Can. Vickers Sold

at the base undergoing type tests FEDERAL DIGEST: WPB Eases Ruling

On Wooden Props subject to test because of major Replacements of blades now permitted without agency OK; rammary of week's accivities in U. S. and not aspacies. B-28 Marsader two-engine bomb-By MARY PAULINE PERKY advanced trainer AT-39 Canadian-Latest amendment to General built, and a Dougles 0-46 high-Limitation Order L-41, exemple wooden nigeraft propellers from

Flighter Planes-McCatcheon inpresent restrictions on transfer of dicates CAA may disappeave gonalrecalt or accoraft products. War Production Board reports. of fighter and bereber types, al-Officials explain that wooden experienced priots reight be nothwithed perfect WPB conversel. at succiones from reddincy stands ands which are proportly reckors b Cheumbarn Tube Plants Stary-Former manufacturers of chromistanks and other types of militure this country for other than mile-

Plane Output Off Best estimates on August vicuted production red the favore about 450 crots below the scheduled 5,300 airplanes backs in production and shifts is production schedules were have recreased by Roy M Weltte. of Montreal and associates Contogether with the fact that

some plants are undergoing change-cours in order to do here matthed right up to industry advisory committee in-Alloestson controls from civitian

there rabber, were removed, as as the result of recovered production techniques Styrene also is Operating Consulties on Aucritical and rentirevants probably Freduction Executive Committee reviewing the placing of mediacbacks are not now a sleavened

timekoopen for er spinnt bavote for UAW-ClO, United Air-

graft Engine Workers, Inc. CUA. testimony under the act; or freein any other manner interfering AVIATION NEWS . September 4, 1946 POSTWAR PLAN

for G. I. Joe A MESSAGE TO MOTHERS AND FREE CATALOG DESCRIBES

> If your was is interested in an axistion carner, send today for California Plyers'

free catalog which opportunities and training requisites. Get pae for your

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FATHERS OF SERVICEMEN

Returning servicemen and women have a ready-

made nostwar plan in the "G. I. Bill of Rights"

which recently passed Congress. Among its many

provisions are such awards to veterans of World

War II as mition for vocational training plus a

envernment avarantee on loans to enter or pur-

chase a business. It is a executive of appendix

Knowing that after the war aviation will pro-

vide opportunities which will even surpass those

the last war, your sons and daughters in the service

will be exceedingly interested in studying the

caseer opportunities in aviation. California Flyers'

School of Accounties has a limited number of pro-

Pearl Harbor catalogs which factually describe

various divisions of aviation, the opportunities, the

training, and educational background necessary.

Although it is plurdete in minor respect, the book

is one that every young person considering a career

Colifornia Phone which is one of the pariser's leading aviation schools, will accept no enrollments

or deposits at this time. This famous school has

correleted an intensive training program for the U. S. Army Air Corps and today is encirely engaged

in a s important existing project. Till the war is

won California Player mur say, "Sarra na carall-

mer's accepted." But in the meanwhile, beand new

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existion trablems are being created, and they will

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will warn. It's free. There is no obligation.

SCHOOL OF AFRONAUTICS

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for its military use.

slower in their self-organizational rubes: offer three employees un-> Office of War Information has re-leased a report on production and management in major conference of malemanaporent la major calesporan el maño, lary engigenest la visión historiages have hest cionellod se retinia. La tin-repert, DBI sepa alcresti pendestina, exich econasia for a large shore el tin segure municipa programa, se not nov loctus an apparent entirest moto-nios la companyamente de la companyamente de la la segure municipal programa, en nota-

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Navy cerufication of all swittery plant

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Toylor and Burden are sail to horse state, where he is fight-McCarran fathered the Civil

Accompany Act of 1896, has

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Recenter McCarran of Nev-

New Plan Devised to

Identify Materials The National Standards Comgarties of the Agronwation! Charaher of Commerce has developed a

magafacturer's name or track mark and the commercial designation (optional) to be used for identification marking of steel sheet,

Denderrence Approval of the sys-Hotel Leaungton in New York City. Army and Navy officials already cause of time-saving and economy

ged into effect soon. L. I. Group Organized

WPB Rules on Plane Lighting Equipment Long Island Asymptotical Engi-War Droductum Beard has add-

The table, which supplements the order as a guide to guaracticturers and purchasers, luts the

down manufacturing places, sir-

ference executive committee are

AVIATION NEWS . September 4, 1944

Preston B Bassett, Sperry Gyroscepe: A. A. Kariveli, Becrable Aviston: William Lettlewood. American Arrines, and Harring-



End of War With Germany to Close Third of Army Plane Contracts

Close co-operation of industry with Army will bring prompt termination action, says Lovett, Knudsen, Meyers at AAF Ma teriel and Services mass contractors' conference in New York One-third of all Army sylution process of terminature. This prop-

when more than 2.560 prime and full-time responsibility and that tery of War for Air Bahert A ets, director of the Army Air Don't Look for Shorter Way-Cal E S Different aggregated clust of the readjustment donners vilun realizatores officials duand thief of the termination section, Material Command, Army The Army has streamlined sta rules which have been adopted current contracts, May Gen Bennett E Meyers, deputy direcand industry representatives are pointed out, and wall afford the wrend to "get along on the rules don't look for panaceut ... Flarge Redia Producer-Rendis shorter, quicker methods" includes, said the Army represen-

claims, reoper compelation of in-

ventery figures, adjustment of rub-outtractors, and particularly a cereful study of readysatment

Contracting Officers' Pawara

4,225 contracting officers in term)-

has made it possible for these of-

ficers to assume broad powers.

Claims not exceeding \$13,000 need ing officer and classes as both as

\$566,000 require additionally only

readingtments is final Three is no

H Hungel, Berdix Assessed Corp . John Hancock, co-sather of the Baruch-Harrock Beneri, and tor, readingtment dryggen, AAF aration, said speakers at last week's canforence, requires camplote data on surplus stocks and Bendiy to Make Home Radio Sets struction propries.

Aurounces plans for production of new line as soon as military Bendix Aviation Corp., making

man. Erne Gen, Frederick M

Hopkens, Jr., chief of the Resources Drymon, AAFMS, Col. E. W. Baw-

ote first entry tato the consumer manufacturing field, amounted it Ernest R Breech, president, said the decision to enter the home certain consumer products which the public in point of engineering possible by low-cost production

Aviation is one of the Increst profuers of precision radio, radio

To Speed Contract Terminations

Here are a few of the specific > Set up an independent organiestion within the company to second should study rates and tempe of napply contract termsference held by the Army last Days Serviceation division per-

Pillabury, included: Cal. Don L.

Advert presentants for ush-Figwestery material on hand and low much is usable for other Prime contractors must recog-

In large corporations, allow non-Pre-determine as many of the terrequition officia and positions as possible and have snawers AGe into your strian conference with the contractors officer well arred with facts and figuresPhillips

flight test program for determining anti-knock performance of aviation gasoline under actual flying conditions

> **Phillips** AVIATION GASOLINE

A major supplier of 100 octane gaseline to the Army, Navy, and United Nations air forces

and web the authority to settle AVIATION NEWS . Sestember 4, 1944

PRIVATE FLYING

Anyone Can Learn to Fly in 5 Hours Parks' Tests With Ercoupe Show

Average student can pilot plane alone in less time, record of 109 beginners reveals; expense of operating craft put at

less than that of light automobile garding post-war private from ating expenses of the Freespe concern the length of time it takes to learn to fly, whether it is GIT-Parks Air College and its affin-Total hours flown were 1.11%. ated setsed set see to find an ax-Gasoline used amounted to 4,916 214 quarts of oil at 30 cents o

ments previde a sound, business-Consider speed of the signless to 100 rook and Purks, taking three

Reacts of the experiment, sccarding to Parks, negre that aresignione with an average of five rane persons between the ages of

P Salo Time Recorded-A tabula-

courses of four hours and 30 rains The following is the agreemt of PATRICIS Age groups. 29 to 25 years-4 hrs. and 15 mins.

25 to 30 years-4 hrs. and 44 mins. 35 to 40 years-4 hrs and 19 runs 50 to 60 years-4 hrs. and 30 mins. rect cost is less than that on the Ford. Chevrolet or Plymouth. The experiment was conducted of Museum Institute of Assertionpay Bikester, Mo; Musissput Biribute of Acronsution, Jeckson,

Expect CAA Control

Of 73, 80 Octane Gas Powers of discribution to private strengt probably will be taken over free OPA on Nov. 1.

terred shartly from the Office of

WTO officials of the West Produc-



CAA ENGINEERS CHECK SURPLUS PLANES:

Amena the Arren surplus stratenes now being type-tested by CAA flight reconcert at CAA test base, Dayton Array for Field, Vondalus, Otac, to the Toulorcraft L-2-N, tan-place larger craft, of success extremt to reconstruct around plane basers. Radio opagences seen behind CAA plane and around orollers batteries to direct fire. Some of these planes

AVIATION NEWS . September 4, 1844









NAME ATTEMOTO IN the test frommer







INCREMENT COMMANDER WAS COMMON OF PARTIES AND ADDRESS SANDARD pul pul certal equipment are bested. Our service seglectes all furnish

Antomic Index Codesh — Publish Codesh — Isada Riega Rydesili: Acumulatus — Pythesili: Ausa — Cyromeshir Betinesnika Sch-Alpanay Bod-fed Youtings — Fanktons and Ulas of Specialized Reds

Branch Officer Souther * Workington * Muliyacod * Montreel ATTATION NEWS . September 4, 1944



Acceptation Flority New York . Verment . Cubbands

Beech Expects Post-War Products ted WPR to arreo that the bort resecrets of both civil evision and To Keep All Workers on Payroll caseline conservation would be New line of peace-time manufactured goods to be introduced

with expering off of military needs, says Vice-President Gaty; cizes substantial backlog for twin-engine cargo ptanes.

served by szking CAA to take over would fellow in general the plan succentuity employed by the Petroleum Administration for War on higher octane aviation guestine Procedure - Under plant now under consideration, allotments will be made to airports and dislisted by CAA, but pilots will perwang aviation fuel. The CAA wents to some conservative quarsirports to remain in operation for their skill, additional pilots to receins flight training and essential serial transportation to contains. Supervision would be by importors of the CAA Safety Regula-

ties require them to want all William A. M. Burden, swinters ottempt to get the maximum use of civil extetion feedbles with the

Administration for War tion grantine is reaching announcb Peaters Air Conserver-Burden of the war against the Januarese beauty engaged in work for the maintain domestic and internanot anatoria to assume additional researchilities, but feels it has an obtagation under the Cyrol Acconouties Art of 1908 to foster the

in encuetars with the WPR ditrution is what will be done becommons sufficient for fixed to carry

Reech Account's conversion terrals and parts in process, addiplans contemplate the develop- bonsi work in the accounting de-In a fruit statement on the commareure, forceres an extensive

company has a large back-log of orders, especially for two-engine b Markets-He said that in order must be improved still further so Two immediate situations which

additional manufacture in that it Conversion -- One prospect he exted to the gradual ingening off whose primary field of operations termination of war contracts. In

that event many Beech workers beats to brandle the obligations of the company under termination proceedings Guty hated such precents as preenturies of raw ma- Wayne, Mich.

ticularly to complete designs new crafts of new types and rabse-The testing department would would continue and plant earlb Backlos-The nattern drawn at

but Beech is trying to make it poel-war deliveres at all under Frost-War Orders-Deposits have be delivered at some indefinite date and at some indefents price constructed to merchandism the

mount's received prefers were from Convair Names Mara William A Mars, norther of the cales director stare 1924, has been



THE AIR WAR

Airborne Army Ready to Pave Way For Allied Smash into Germany

New consolidated forces well prepared if Germans attempt to make a stand behind much publicated but probably oversated Siegfried Line.

net nermy a battle of postuon. tablished in Auril, 1942, about sieven meeths after the German the enemy is able to die in additiv Mette of the Parit TCC is Viscot raphile and of great striking new-

h Airharna Army-Thus in Lacut. Gen Leves H. Berretce's firms array, formed by merging all sir-In one and reportance. The leader ground forces, being directly re-sponsible to General Elsenburger Tender and thus participates in theater placement in the highest

This new army with wings taken its orders from Breregon, net frees New Gairen - In Systember or Mondomory, per the tertical 1949 when the face years complete with all necessary commonents transport places, glidera, units, authorne industry, paratressers, concentration events tanks It can strike behind the strongest and most vital defences. b Trees. Carrier Developments -

tor's outer sirbelds, General Konney had 3,000 treeps flown in Steetle afterward, a full division was flown scross the high Owen and in fall force at Wennells and other significant class to the bettle lines in the Barn-Gorn area How-The concept of this highly complex uploon which mattery' These erverysation dad not extract forth troops were not only transported feliablews to meet the present but were supplied by air at a rate of more than two million pounds solt of the combined Albed, and per month Construction coursto owner extent enemy, experience ment, steel mate and aughalt

infest of World War II. Note the

development of its three main

neved by the same route. Sick the return trips. The entire opera-

A few months later, in the offenroop landing at Madaab in the lines at Lac About 1,700 troops dreeged in 70 seconds. Ten days was expoured From here the chospies of the Worsk are been and the leap-free operations to Allage, Hallierdia and Sanasper

h Mediterranean -- In November

coursand flow a paracouste buttalian in 40 Descript Coff's core 400 miles non-stop from England. This was energing TORCES. surfields outside Ovan and hald paratroops were dropped on the treating was under way for coresirfield at Bone, and a week later borne army will exceed anything were held throughout the Martin of the kind the world has ever African carepagn, and by this have it. A brief review of the outstanding examples of the one of treep carrier avention will indicate the steps in the growth of this lasty count. It harance compossible to pronir the units on those fields with

food, gasoline and arresumtion by to the resour and for three weeks few to all the necessary supplies in July, 1943, consisted of one

American and one British surborns dryings, totaling well over 10,000. This was the first Alfred exercition in which eliters were extensively used. One group of air landing treeon supported Patton's 7th Army in the west and the other group Montenmery's 5th Army on aufelds were established in Sigily. ground personnel to support the advance air echelons. Altorether

"Night-letter" cargo for bonus payloads

Verbriage in rail traffic are met-Writer hade you from the Pall hand I remeant booking of our express to debond denotate at Suite of all me traffic rates. To that and Liter" rates offers one mostific remove distinctions in \$41 m on



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"Every Pound Saved on a Delta Airliner Has a High Monetary Value"

SAYS GEORGE R. CUSHING OPERATIONS MANAGER DELTA AIR LINES

"The value of a pound of pay load during the life of an airliner has been variously estimated. The exact value will, of course, vary with the degree of atilization of the emirment "Cortainly, during this period of carnetty londs.

every pound which can be saved has a high moretary value, and soll of times be priceless. "A few pounds saved may mean that another soldier exts home for his last leave, that another war reduable shipseent of express gets through on time, or that another suck of rasil can go abourd.

In Delta we prefer not to express such things in dollars and cents." Send for Free Boots Weight-Saving Booklet Today Actual periolity of over 250 different self-licking rests used in aircraft, comprehensively reviewed for the convenience of aircraft designers, engineers, operating and maintenance personnel. Copy will

be sent you, free, on request.

M SELE-LOCKING NUTS

September of the Task | Chings | Calcul | Bufful | Indicapath | Lou Augule | Amon City | Codes | Toronto | Amonto C

THE PLANE

BOOTS NUTS SAVE UP TO 40 LBS.

. Being all sacted, they are TOUGHIN and SAFEE as well as MORTES. . Can be used over and over ansit, Now word on carry type of military · Will be standard on commercial planes after Vectory. · Appeared by all government aviation



7,000,000 pounds. Doring the six weeks' company, some 14,000 wounded were expensed by arhattle of Salerno, on Scot. 13-14. over 1.300 completely equipped area from Sicily, an operation Departies in Burns - Street early 1944, when Brag Gen. Old's supplies have been drepped to Bombers," the dropping points be-

behind the Japanese lines. Hundreds of sick and wounded, who S. "Troop Carrier Correspond"

horne investors of Burnet by the Super Gas Developed Air Communication, led by Cod Prof. Corbran and Cel. Johnny Alson For Super Bombers remeated at length. These successall On this night at 19 o'clock

propertiest factor in General Stale. United States is getting ready to tion of Europe was on. There were six drop nones and there were six Pathdader places with speculty trained crews to blose the trail The crews of these planes antabthe drep cones and also showed colo theater, marker lights for the guidance of P Gennery Factor-The Petroleum

W IN EARMAN HE SOLOED IN 44 YEARS AGO Nichard H. Denna, Jr., spelled amounts measure for Ecophild America observed his ensurement with a flight in a Fairchild F-14 this month

of 924 transports, including 105 miner changes in familiar The change borayaye, caused by made spendion irredving one sirborne formers Both speculious were ing up the nucleus of General

William R. Bayd, Jr., chairman, Brergion's flying army. Where new fuel is "100-seture rebuilt of the observed process were re-

Boeing Canadian Although facilities connet now Plants Make B-29's

produce a "souped up" gaseine Displayers that a major assemoctions product, it was disclosed ent existion guadine in the Euro-Jay Marriage, ceneral manager facilities can be diverted to the Morrison said the B-29 work

polets of the mein column. A total. Wer. Industry Council and about source of except



the MARGIN of SAFETY

New G-E high-tension ignition system reduces number of units from three to twogives the added protection of two magnetos—and doesn't require supercharging

Skilled pillon who've numed barrened planes back across the Chausel warmly peaks the combu-FLIES HIGH WITHOUT SUPERCHARGING

now coordinating to this statute is the G-E high Two of these seem replace the three-one magneto and two distributors-found in most coverzions

all cylenders from, both must be may out of action SIMPLIFIED MAINTENANCE

eratems. Since each magneto is capable of keepens From the around crow's standpoint, this reduction rank. So is the fact that either of the two self-con-

Ample cleanuages to the magages and solid, though freshle, impregnation of the harness elements the

surphised during of the come system facilitates

sembly time. We'll gially copsult with you on the combificate of adaptive one of these pre-component mysen -et of despring something entirely newto fit the projects you are planning. Just call the G-E office near you. General Marris Co., Interestady 1, N. Y.





GENERAL & ELECTRIC

PERSONNEI.

John B. Thursten his joined the exhan, as hend of ounly he was

Tex Bankle, well known acrobatic point and hend of Hankan Aeronastic cal Academy, Tulare, Calif., has recounty word that his one, Linet, Dale over France. Lorest Sankin had proa P-16 five bornbeng rand on a tar-

subble recoun W. W. Finlar recently journal Guilerror Corp., as vac-president and counting and other groups. He was

Roger C. Firming has succeeded A. L. Wyker, hend of Taylorcealt Acceptance (England) Ltd., was voten plane menafactured for the C. C. Therepren (photo) was sword-

ed a pro as commemoration of his both in Great Britain and in the with Daged Acr Lines by the Bobert M. Averill, countral to vice-

the arrive in t Books Lowin Miller has been apposited assestant to Storry Stringer. a vace recentest since 1943. He arevare-receided of truffy for vacualty was associated with United Areerican Aviotion He county the corregagy two years ago as on in-New advanutrative appointments at

Ltd. Morrical, are: William Barty traffic reasoner of the transportation the streets. Late McCov. vice-Gordon G. Elster, greated sales reprepretative for director cales con-& Western Arr. tracts, and John F. Forman, agger-

Leonard S. Hobbs has been elected STREET AND SECURE star and policy correction like functions of the antere He has been psened United in 1827 and became a director in 1842. At the same time the sarisee cystem's tracks superin-Wright A. Parkins was appointed engagering memory of United's Proft & Whitery division Purking ioland the engineering stoff in 1920

H. Aineley Highman, New England. plan When he of executive experience in various

director of Boston Charaker of Comsavaton writer, has been awarded der, Air Purce, Parette Firest, when he sangted in sapervising worth of the planning for the Nany's mehas served about in Essex class currier with the Pacific Pleat

tation organizations. Highwas is a

Prederick W. B. Pride, counsel for the Mayer Price Adjustment Board, and has been replaced by the same-

ann Wedsworth Weste. Henry G. Turter has been appointed



tor" used as many affect tection H. M. McKay has been parced actand Airelana Co. McKey west to the Businesson plant in Japanes from the Hagerstown, Md., plant where he was special assistant to WHAT HAS THIS TO DO WITH broaching.

ONE of the earliest and most important engineering discoveries of all time was the lever, whose force potential moved a wise ancient to declare that if given a lever large enough, and a star to serve as its fulcrum . . . he could move the world! Although in its pure form, an earth-moving lever is impractical, the lever today performs, circust surrecognized, a multitude of useful functions. Its truly earth-moving potentialities are to be found in the lower's formula of power application . . . energy is insertable on efficiency! It seems a for cry from the claw horseser to a huge rolling mill, where huge red-hot ingots

are transformed as if by magic, into water-this sheets . . . yet the principle remains constant. You couldn't best out miles of thin steel plate with a corposter's horseser . . . nor could you pull out a hard driven spike with your fingers. Both are examples of the lever's theory that a minimum of energy correctly applied can not any move the world . . . but can make the world a better place to make it. BROACHING is a further development of this principle.

Eliminating accedess operations and speeding up production, if requires less energy to produce race . . . resulting in fewer man and machine hours to produce each part. Parts mass-produced in a fantastic variety of complex shapes and sizes to uniformly close tolerances, it will now you to investigate the possibilities of branching in your plant Just as Lazarinte pigneered in the designing of broadles and broadle ing machines for the mass production of precision parts . . . so too, will Lapainte continue in its avest to make better things for a better world



Earliest use of broaching principle on this continent was by saldars



. . . suicker and cheapart

Alice Bagers Bager, Washington of iter of Skywoyr magazine, bio China - Burges -

These regulary of the Baltimore Beltsmore Grednetes are Marshall V. Bather, traffic representative; Produce G. Rail, that agent, and Churlotte H Leach, ticketary agent. R. G. Wengerter, industrial engineer

for Treaken Bailer Bearing Co for the past not years, has been appointed assurting their engineer for the

num Foundry west of rew everpany, procustomes. In 1942 and 1943 by was

Nest J. Housebries, formerly linear officer of the Canadate supersurent's nance of flush centrol procedure for

Combr. W. Garden Beecher, Jr. cerety director of the Navy Decenter will be Comde, George W. Campbell, now on daty at Nevy mable relations as supplied to the director, recursty officer Allen F. Simmons, assistant director



non, is reaking a trip totack trill raite from to avery overseas base the world Tasker organized Reocchescal representatives at all

Volumeer, house ergan, since October, 1942, has been nessed resident tor Field Division, Downey, Calif. Charles Cowden, associate editor and photographer of the Volumeer, has been rareed soling efficient Halford G. Davis has required from

general traffic manager of Trans-



public information deportment Rudy Keek has been named works to realize K. F. Leunan, who is be-

of making relations, and editor of the Alexand Corn.

TELLING THE WORLD

advertains carresion to publicing frection of J. Walter Theorems. measure 600 lines · Acresco Arreroft Curp., lightplans York, as publicity and public relations counsel Callear' organisation York office at 350 Public Avenue in being opened flept. 1. . Ford Motor Co. has acquisted Walter Thorspoon Argustina S E L

. Eastern Air Lunes and Pan Amer

Ford already is advertising in . Taylercraft Avadian Corp., Alfa-. "Congratulations, Navy Phota" is

Measuring 560 lines, the ora are scheduled to appear two to three cities. A corruption to popular and be opened in October Charles W . Gilbert Schnie, with Profit A

synchory, Biles Coffee Co., has formed the advertising and soles promotion during the period the pamphlet was Thompson Products, Inc., has itand a breelvare, "A Decade of Achie accepted " represent the growth. Akros, has secred a bulletin on tided "History's Lesson to Arr

Forces," a represt of a talk he gove



New Door Latch Speeds Plane Inspection

As much as 50 releases can be exceed in the inspection on importion doors. It fits that with the cotor surface: weight less than is on. The Hartwell batch has been anproved for use on aircraft by the Arrey Air Forces, seed can be installed in a standard Army Air Parces' outset. print 43G2853. Write or wire our Los Angeles office for complete regimeering details.

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product derivative of a long line of all metal planes , , , proved, improved, amortly styled
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LUSCOMBE AIRPIANE CORPORATION
Stanton 3. Africa Servey

ON NEWS . September 4 1944 AVIATION NEWS . September 4, 1944

AIRCRAFT PRODUCTION

Parliament Group Urges Canadian Industry to Seek Transport Orders

Any further airplane contracts from U. S. and Britain "should be with respect to Army transports rather than fighter craft and hombers," committee recommends: production program of Dominion is more than two-thirds complete.

With the Canadian alreraft pee- \$17 Types Produced-Production ploted the Parliamentory Come planes new in production accountrettor on War Expendences and for 18,000 either delivered or reconvered; that further unders on order. The Canadian excernand Great Britain "should be with assistance of \$88,562,500, of winch respect to serror transport planes \$15,560,000 represented facilities rather then fighter graft or hunds for arroralt overhaud ens" and urwa instrediate plan. Of 1.500 Morgano arrend; ordered from de Havilland Averaft The committee mays thought of Causda at Turonia, 879 rupu-June 30, 1944, Counds war delivery and benters, 172 Subter-benters. isswere 12.506 planes. Backles now 57 as trainers. On June 16, the in only 5.383 page, made about the descripted delivery total production of 5.776 effects guite bombers and right fighters. of 277 Mossystee The precogness-second Victory Relitivery Scene of these orders Arrendi Ltd. of Toronto, has de-

may not be corrected due to rut-

tun Helistrers has been filled by Fort William, Ont., and Farrehild Accoraft of Counds, at Mactreel with deliveries of 228. Fairchild FBoring of Canada-Rosing Airdelivered 223 out of 380 PBY Cute-Iteas, and Conadan Vickers Ltd., of Marriesh, 212 of 369 ordered Noordsyn Avestion Ltd., Mantreal has received a total order for 1.146 Norseman transports.

one-offth of total orders for Cur-

reade by Noordayn Aviation, Monbeen delreared. Other types new Francisco-Cartlal amintance for

hwered \$1 of a total erder of \$20 Lamonster bornbers, while should by), \$1,455,000, for the Mosqueto,



STINSON TURNS OUT 2000HU "FLYING BERP":

deriven menager, Moore, T Y Swith, arrived director director regregor, Fort Worth,

The Shiston L-S layure plene, nied on every pur- turnay, Strager durager, Wayne, Harry Woodbook to the 2,006th to come off the line at the Strason Derseon of Conconduced Valtee Corp., at Wayne, Mich Concident with production of this Flamp Jeep year a meeting of directors and distinct manapers. Left to right, top rose, are A. M. Holl, west direron monager, Elizabeth City, Jon Hennen, dryrica resmoner, Nashvelle, A. H. Shaad, servicest to the president; R. B. Perkharst, director of industrial engineering; C. W. Coolow, dansion manager, Valtee Field: C. T. Leigh, vice-president, L. R. Cooper, new

prendest, A. E. Shelten, new division menager, Al-

testeurs, M. A. Horson, derector plant protection, R R Floor, director plant facilities, R. F. Jones, 88escent to director, plost engineering, Earl A Moore, director of mablic relations. Left to right, kneeling, are H A Sutton, director of exprocering; L. K. Grant, assistant controller; I M Laddon, executive trice-president, J. L. Kellin, districe vacuuer, San Droon: W. L. Janes, dynason member, Longwille, V. C. Schorlemmer, controller, San Diese, B. W. Shoo-Asn. engineering manager, Sen Diago, R. G. Meyer,

AVIATION NEWS . September 4, 1944



WAR-BORN THE AIR-BORNE



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.. IN THE DESIGN STAGE means lower weight, better performance

To plot the exhaust manifold system when the original design for the sixplane is being made saves comby engineering sime, brings reduction in weight, design saved forty-eight pecasis in the weight of a military tramport plane. By planning with Ryan during the design stage, the type of manifold system and musclismon best seited to your specific requirements can be easelfly accountined.

Whoher planeing to use Ryan ball and socker type or skinsome type manifolds, he Ryan work with you in the desire stage. You will obesin a superior product and maximum performance, and, in warning, lower weight; in peacetime,

Syres Services Company, Jun Dant - Harbon Arrests War Production Council, Inc. Sedem Office - 429 Januaries Armys - New York 17, New York

DESIGNEES AND BUILDERS OF COMBATANT TIPE AIRPLANES AND EXHAUST MANIFOLD SYSTEMS

\$10.000.000 for the Herrord, \$5.dry). \$79,000, for the Lawcester, \$7,313,000; for the Norsessan, \$1,-\$75,399, for the PBY Catalina. \$11,031,000, and for the Curtum The Committee recommended that oil atrouaft plants study the

69 Firms Turn Out Parts for New Mars Marsin Company in production

the JRM Nees-world's largest

Sub-contracted views for the erad More now in operation in hirages, fatiruge and a wafe onteri-

* Spartan Aircraft-Louzest of the Arryreft Co. of Tules, entry mbcontractor on this job lecated west of the Manuager Sperian is biliners, elevators, fino, rudders,

rotin regretor are in the works b Other Parts Parnishers-Control amorphied at Witter Co. Inc. Breb.

at Kellett Aircraft, Philadelphia, try. They have traveled over the stuff representative will be estab-



Plant receivers of the British Wood Arresoft Mission respected the Thornes high frequency units used to speed up production of physicod and becompted used used in plans construction. Left to right are, J Lathon, Dr. F. T. Baruell, Lorent L. Doucon, mer-prendent of the and Charles T. Beands, Inc., Soil. West Coast area, carse sections of

timere. Air Utilities, Murfrees- the Bouth and plan to visit Massaborn. Term, is making every lock-Machine shops predominate arrang the sub-contractor but there are companies on the latwhose pencetime suspet is far re- IP Research Firm

erank bossums, Discoult Engrayand in Dominion's original exme Co. of Baltimore is making periments energed in 1942. spar spice and reb security fittirus Others include General Oil-Characeals, Inc., Sewares, N. National Advertising Co. Westminster, Md., Post-O-Graf Co.

Aircraft Plywood Studied by British

note Laboratory at Mattern, Wo.

Canada Organizes

Government owned company to take over plant and emission

The head office and man research works will be at Leggide. Last year an American Phonon Promont Research Group-The lished as London to keep in close co-ordinator of production, Dener is Bris. P. C. Wallace, of Re-

Army Tests New Twin Rotor 'Copter Plight experiments at Wright Field several AAF's few years

work on Plan-LePage model. An Army beliespier development garag on secretly for four ment by the AAF Materiel Curamend that the Platt-LePage dualreter believester is now underpoing. tests at Wright Field. Achgelia hekespter, the Americanbuilt "wherling's" history faces

back to mid-1940, with its military contract preceding the Sikersky models wheelt have now gone into Centre-Betating Bindes - Tour tarn in opposite directions at the cuts at two streamined polece proceeting from the fusebage rades. Power is supplied by a 450 hp. and lacated approximately in the maddle of the fuscings: Widely-

cooper designs, and it has an one Asked about the possibility of a tal stabilities is set quite both on wind or color failing on the Plati-



NEW B-17 TAIL TURRET of the Boung Sall Phone Fortrees, or about in this new photograph The range of the guras has gunner has been given added pro-

the vertical fin. appropriatly for better control. The coaft weight sourcestrately 4,599 passeds A Treaspacent Plastic Cocknit-The terminate tonders cockest is Col. H. F. Gressey, Material

wrapa, W. Laurence LePage, pressdavelopment of the XR-1, with ing of the proposed large craft, (AVIATION NEWS Oct 11, 1943, New Wilder Wildeat

man, is now built exchargely be repretises and the Navy reports

TPAKE a 65 h.p. region-out it is several different planes. What happens? One plane will confe and meetings the outers, and one loss feet. It's no time activities, so the new Tox lowers it will again lead the

war production responsibilities have been completely arcret many experienced light plane gifter will met, we want you to know what you can expect from self you, "Sure, Taylorcraft outperforms my ship in Terriorcraft to make your flying safer and more surjety. ing than ever before, Jast as Yaylorcrafts flew in front before the war, and Serrel on your name and address so you may be uneare have repeatedly proved their ability for memerous warthe first to learn the news and details of Todorcraft's

THE SHIP WITH THE Built-in Tail Wind

newest developments.

field when America experts pecks up pescetime fiving.

As soon or current restrictions case and Traloccode's

World's Largest Existens of Side-by-Side Ainstance









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LANDING GEAR PARTS Machined Aleminers Pisters Fisher Risps and and Greened Parts

British Ministry of Aircraft Profaction, British Air Commission. Hurricane, Swordfish

The Marricens started life as a ago. Stree then more than 10,600 12-gun fighter, a frur campon carrows, a fighter-bogsher, a Fleet Arm fighter, a catapult-fighter for clone 15's for the Bostne B-19 5xcorney expert and a long-runse

164-cape compilation present comparable subjes of specifica-

Aviation Materials

A comprehensive gross-index of

cival retendanceable and whati-

ferrom steel, slummure, magne-

rauth, and lead alloys, with chem-

scal compositions and reschanges properties, used by Uzsted Nations

Franci Shartage Problem - The organization believes that service

mechanics will be able to solve

any shorings problems by use of

als when no repply of the original

The work was industed a year

age by SAE Accommitted Division

Committee after discussions with

representatives of the Bonety of

Indexed by SAE



CURTISS WRIGHT'S POST-WAR PLANNERS

Members of Curtiss-Wright Corp. Past-Way Consulter, which is dereacting in Buffelo. Left to right, are C. M. Leeds, Wright Aeronaution). Jenes C. William Cartus-Wright vice-president and charmen of the proces: Dr. D. H. Dancesport (1124dres), Airplans Division, director of business research; Peter F. Resamores, present menoper, development

Lebder with numbery feel tanks. perfectous is on a full-scale besit b Fitted With Reckets-Tre Hur-Although the Hurricane gradually

ACCA to Check on Technical Programs tred but the Sweetfah, is even

alder thus the Surranne. De-Arteration of a netter of indusserved as a Naval torpedo-recorcalcaypea-homber in the early 1939's, ri har taken part in leaflet. landed Breigh agents behind overunak by James P. Marray, Chumber president and vace-president rententententente to First Air Arm profe in the Western descri-

Engine Schedule Cut A share decrease in compe Management Needs Stressed Me explained that, became of the on-Chamber has felt if necessary to percentus industry engineering

Production Complete

reported by P. B. Taylor, weethis year monthly shipments of enrince from the four Paterney area plants will have shrunk to less than half of last year's total pro-& Wood-Didge Plant Confectedeffect at the Wood-Brige plant, where production of Wright Cy-

At Wright Plant

FINANCIAL

Rate Reductions Present Problem

On Fast and West Coast Service Eastern considers adjustment to meet new schedule announced by National on New York-Miami flights; California-Hono-

tale rate compensition developing Lowerier of management faces on in probably several years in the the New York City-Mann flights future because it went await deby Wastern Aw Lunes. Inc., to most favory of new 126-passenger clupthe new rates appointed by Napers. Construction orders for these arrenalt depend, of course, cused by officials of the former common and an early adjustment | Costs StabWard-In a study of

As indicated in the table below. the United States, the Desartment of Respectes Planning of American This results in a differential of pended on the shelity to lawer less than two dollars on the New either direct flying costs of the airof the industry and some routs of her paints on the New York-Mises operation," the report said "Durseconded expenses. This was not

a more intersive development of Mannyhile, on the West Coast Assert -- Party Wiles were flower has On Aug. 20, United Air Lines

December Intendied - 'Profit revolted from more missage ereration. The whole stration in-Nine days later Pan American dustry experienced the some de-World Agways appraised promuch a very that a great many more a round-trip ticket perchase Derservice and \$300 for sloopers, while Evon School of Acromystics place fly from the margland to Howare easily face females While Pan American offices the *Costs Increasing-"The trend of

lowest proposed rates, its service cests has been upward and this rareles of \$3.343,000

are being made in direct flying

expenses. "Unless we develop in such a

Grumman Salaries. Income Reported

Grunneran \$45.550 for the farmi year ended Dec. 33, 1945, accordpert to the Securities and Ex-A. Swirbal, executive vicepresident, received \$60,550 for the vace recordent. The correspy raid \$21,724, of which \$15,000 reads-Gillier Aviation Caro, selfmer

party during 1943 totaled \$275,-488,375. Mooufacturing spels and other expenses amounted to \$245... \$65,563. leaving a balance of \$30.income and excess prefits taxes amounted to \$24,501,524. Deductrees of \$16,255,323 for estimated pormal sycene, suries and de-

glared value excess profits tax. and estimated excess profits tax breaght the not income before credit for post-war tax redund to \$4.642.200 The latter riem of \$1 .-665,000 brought not impospe to \$9 -After making growings for make war re-odisasiment of \$1 me nonand the \$1.955.000 of post-war tax retard \$3,355,000 was transferred

200.000 Manifold on its way to Victory!



BLAR AIRCRAFT COMPANY SAN DIERO 12 CALIF. DES MOINES S. II

There is a long upon from Solar's cond production in 1988 of our system for the crode and dangerous method of votting gazes shough For Success name Solve has led up the amorning branch of the

Just to test following and to tendent angles and the box applied to the part to banks make makes and and simplant exhaust manifold—a second the company, an employee, sep- samine sileys. Companies confecced with such problems are immediately to coreal Soles, Address 'Management,



TRANSPORT

Transport Industry Urged to Speed Study of Proposed CAR Changes

ACC Airmorthiness Requirements Subcommister and ATA Aircraft Requirements Committee listed among major groups seeking to prepare program for consideration before year end. By MERLEN MICKEL

information from Civil Acco- ments Committee, for the manunumbers sources undecades it will behave aviation industry agencies to expedite their studies of The thintpers enemer we difficult in contrast, the manner in West time to it between new and the needs develop increasingly more. Court factures, as pointed out in time to consideration of this prob-

Few if any dealst that changes will be necessary, but the speed with which they may be effected deal authoritatively with alterutown in the regulations when they Major Green Involved-Among the major tedustry groups dealing ther emplace performance auto-

facturers, and a subcommittee of craft Requirements Coremittee, Decrease of the war, only one reads

fect July 1, 1942. That is the Vought Bikersky VS-44 being used by American Export. The regulations didn't apply to any planes in service on that date, though they were written to apply to all airpectation here was that the nearly ix years injervened would be Picture Changed-The war has changed the parture, however, and

out further in the fature. In the meantime, CAA engineers CAB staff members have had sccess to Air Transport Command experience on the larger craft, such as Douglas DC-4's and Curtun Communics, that undoubtedly would have been new types subtect to the Civil Air Regulations had they not been pressed into Paults of structural dougs, enrares and propellors and equipment, and thight and performance

Further Sevision Likely-CAA and CAD have been studying for more than a year what one offered ment of the regulation secture." and expect to devote soft/linear When that time comes, CAA will

relevances, to the industry and others interested for their reac-A Asympthiana Bates Studied-The ACCA and ATA subcommet-Ot 157 of the regulations. The \$4 section of the regulations contours nert vs consideration deals with



CONGRESSIONAL GROUP ON WEST COAST: Western Arr Loner was host to the Hopes Interestate subconventore toured erroraft plants and conferred such plant officials at Los Assoles, WAL headquar- Arisoss, Leo H. Duerlboite, WAL executive vice tee. In the group here are, left to right, Thomas president, and Elox J. Layten, consumtee there.

Wolfe, Western's traffic suce president; Educard P. Warner, Chil Accounties Board Sice-chairman, Ress Joseph P O'Harn of Minnesets, Carl Bunders of California, Subcommittee chairman Alfred L. Bulgenide of North Carolina, and Richard F Martens of

AVIATION NEWS . Sectember 4, 1944





Returned Was Pilots IOIN TRANS-CANADA AIR LINES

The job of emission recurred sirmen for peace-time constructed transport flying but began in Canada. Air Lines are a reamber of Royal Canadian Air Force pilets who have distinguished themselves on open The first group of veterans to join Y.C.A. is shown above in Link Tourists outside in Winnings, Laft



Lt. Heure, D.P.C., on his our liter materians of Shome course he also

to right, they are: Places Officer E. J. WHITE-43 speciational Nights, sucharbase 16 pends year Garmany, arrays on Equal Labor and Making Fights Officer B. E. ECCON-County Command, Great Bro-nie, spendamid flights as for as beliefed

Oping Officer J. C. MORNEN-56 operations in Widington bombers service in Firsts and Labor. Firing Officer C. E. FDE-E-projec in Scaland Colombus. Their tours of duty over and physically fir, these

men are now learning sar line procedure. Link in struction in instrument flying is an integral past of this training. NAME AND POST OF PERSONS AND DAY AND THE OWNER OF THE PARTY AND

LINK AVIATION DEVICES, INC., SINCEARTON, SEW 1024, D.S.A.



IGNING TWIN-CITIES COMMISSION CONTRACT Charmen Louis G. Castle, the Messengolus-St. Paul Metropolitae Auall prepart articulus within a Mounte radius of the Turis Cities. The Convenience note created by the Minucusta legislature, which also proert G. Aldrick, Constitution director, center (manding) Nepor John J. McDawough of St. Paul, right, Mayor Morans Kline of Munneapolis.

from apprehience countries, while speech under no decrease in axiaty -- when your professionery document recognition were to the melting

Dunased Weight Increases...This is the even that in vacificable

Since landing and stalling speed of subjects for discussion, it is ob-

will have a lot to say about may Guard Safety Standards—Thereincreases in lending and approach. lending genr, need for two engine. Jun the total to 274

ion although mambers of both are manyle obviously would require Chareles come may the ABC to Quantities out to the ABC solu-Schorer of Boung in aggregation ecobably in the Los Angeles seen.

standards. This inevitably in-

stability regulations and whether views that the polets here again they result in a road flying are. teristics", but day talcoxt prob-

fight requirements on four-engine aurolanes with respect to allowfar careo, and stalling speed modi-

point of the sirine passenger

Army Plane Returns May Hit 298 Ceiling

Informed surless circles doubt tive order. The equipment total is Bearen in that the Army, these sources say, arrived at 300 arisil was when the hig telegover occurred in May, 1942 Flance Crost Between - Scace

that the previous cetting be re-Narious Types Released-Auritage

ranged were DC-Ts. Street then, Synatologous to TWA torn DC-90 to All American Aviation, two love; rate and made of clash. Lockbood Slectres to Essair, and

AVIATION NEWS . September 4, 1944



the newly designed Cobre Stal (New postup) the relatively delicate graphite is shielded by the metalic backing. The two are securely bonded together by a resilient layer of oil-resistant synthetic rubber, especially corresponded for this purpose. If you would like to see how these seals could be designed into your application, please mail prints and data

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AVIATION NEWS . Sectionary 4, 1844

relative to your requirements.

These great ACTION sequences



In newscots countly, you've probably seen placey of movie sequences showing Messendanists, or Zeros, being friendly blosted from the sties. These pictures were taken returnally nor so farmed you with extension energ, rather, to formal; our armed forces with indicaments areast as These pictures are taken with a very unusual tape of 16 mm move-

carriers ... Leaves as the Painchild GSAP. Measured close to the place's gern, sed to follow the bullets' crosses, those carriers automatically reinf while sum are fries, and one only after the has buffer has You might well sole ... "how eas such a light, opened 16 mm camera operate as dependably in face of the increase reasoline and visuation. from earlies and gone?" The sammer, of course, him in its unique design.

and in its precision guarafacture. Descried as cooperation with U. S. Army and New experts, it is built to the same precise standards which Ms the load of content every mater owner store der hotes to auch





The Principle Gas Sales Alming Pring Corners in

New TACA Subsidiaries Revive Rivalry with PAA in So. America

Acquisition of Venezuela and Colombia routes shifts anciona barrie for Latin trade from Mexico and Central America to lower half of Hemisphere.

Renewal of an old autime require Salvador, and by Gusternala for which were discretified several a line operating to Brezil, and

Government for TACA to begin

Mexican Front -- Be-entry of universal in that country. Accordray to TACA occurrent the line nerpermits granted by the Mesonsa-

After Ubeco was deposed last veter and TACA his scored two May Get Army Equipment-Washington recently and the promise of used Army seconds in now definitely bright. It is beoffer by British interests to heav system A TACA moleumen de-It is possed out that TACA is

service. Without prolimatory no-



88-16 VAN WYER BOULDVARR, JAMASCA S, N. Y. . New York Officer 475 TENTH ANNUAL NEW YORK 18, N. Y. THE STORY OF ARBIAL PROTOCUAPHY IS THE STORY OF PAINCHILD CAMERAS AVIATION NEWS . September 4, 1944



Peragrapson Air Services: Tuxes the size of Great British, Peraguan Sudorceron de Servicias Acress, S. A. (Arpentina), Lines Acres Nord Ests (LANE, Argentosa), Corresp Aures Nomenal (CAN, Brant),

year, TACA flow 12,000 tens of percent of the stock, and it should carry

stronger U. S. tse-up in its applicastruct a major base manusch as bayrag a derecatic delivery point Has 10 Planes-TACA's present const (LATN), operated by the

and include the only two "fiving med tankeys" in excetence These each carry 4.200 pounds of dissel of to rout for internal development, the

Paraguay Organizing

National Airline LATN to be energed by corn-

The Paraguages government as Lines Agres de Transporte Na-In addition to being an unstru-

by Yerex since he began an air is heavily underwritten by the a result of this expression was the

five planes valued at \$50,000 marrow (\$177,750) to begin operoffices in each Paraguayan next

Ryan to Name Airline Tax Study Group

my the investigation. The Pressb Hended by Mitchell-At Los An-

Court decum supported Namealso taxed the same equipment. state The buck court held also

new line may after considerable rights was not before it legical. of the cares specifies developed 2 Heavilly Underscritten. The line was not for Congruents and in and



How Four Leading Manufacturers are Helping Save Precious Paper for Uncle Sam

as on courser-"In 1943 we sedoesd the number of issues of our house publication from 12 so 6 duced in size as were our dealer pional georetical was kept to the senalitus possible size."

duced to the minimum necessary trunit. The weight of board used half We largested the rack per shipping case on many items each case would not much in an partitions and Doers were dropped right and left. Package losers have

A RE CERESE CONTRACT - "Where 100 around lastic wearly recovered been specified as destrable, the

lishour asserted weight is now used. All pages and forms are carestandard smaller size, excessive single represented specing where practical, trains on both sides of the sheets, proruge lists, and all Wassepaper or our places and of

reach paper mills for conversion. AMERICA NO DRIVE COMPANY -- "To: 1945. we suppod imake an almose. We had been sending our around tweetr million. We also discontion of which was some thirty to thirty-free millions. For 1944 we cut out the printing of tweety reil-





USE LESS PAPER - SAVE ALL WASTEPAPER The advertisement contributed by this publication and measured by the War Advertising

Airport Management Leaders Hold 1st Southeast Conference

Existence nearby of wartime Army fields, lack of state financing programs, "big sirport" thinking and dearth of trained personnel among sopics discussed at Alabama Polyrechnic formere talks

By WILLIAM G. KEY

Although airport planning in

and county officials last week atgional Acreet Monagement Conafficials, CAA, sirkes surport exstate and city avertion officials atothers in preparing programs. But repor interest in the discussions: Caroline surport program, under The existence of many semy fields relatively near these towns

serrething this conference was de-

ports, except where they are un-



NATIONAL STARTS WEST PALM BEACH SERVICE National Antonia reason reasons at arrows to West Palm Rooth, Fla. 46. tions, who piloted the first plane unto Morrison Field. Left to right, benon conceptuous manager, and Platcher C. Roome, commont statute man, suffice

cration six years, now has a stoff maintenance reserves as well as b War Effects Exident-Same conaction of South Caralina Before sirnaris. Today there are 25. The

section, eignost total relunce on un-Alabama, with 20 designated arroaris now, will have 38 addithe war is over Mostly Class One In addition to the community state will have 118 under the CAA South Carolina, Alabama and Tennesper have serve state commissions, with Tennessee's being primarily sirred at an educational

> experience in the consumity to Ship'Firms Sec Loss In Trade to Airlines United Fruit official steeses need of assembles covers to office

Additional evidence that steamcommunities offert all temporal from \$9 to 80 percent of their present passenger travel." Steamship compares seeking to offert this competition by operatthe point that they expect to be able to eperate such services without concerned subside. They porrst to the fact that previous

America has been heavily substh Exhibits Piled - Mexico Tould

AVIATION NEWS . September 4, 1944

Co's views were outlined in exhib-Board to the company's presentabearing Sept. 18. In describing the United Fruit exhibits, Jackson also touched but air service would bridge the

ship-sir services would develop Steamshop companies have maintassed experienced staffs in Latin would be available for serving

may curtail their yealts so serusubsidy to maintain a surreland

Suburban Service Parks Air College is thirthidea contemplated in the

Lotas, Cherogo and Detroit on round trips a day on four Consolitated's Medel 39 They senger plane with 190 capit. crassing speed and 65 to 99 sigh landing speed, figuring about 30 would be needed in

ver will be offered if their

Parts Cowl Flor Screwinch Goars Finishina..LEA METHODS AND COMPOSITIONS

Supplications for the construction called for the atrest graphen in the detabling of the small sears into the assembly of the 8-24's Corel Floor Screwards. As can be bengined, burning and other finishing operations had to be easted out with considerable debugy to stay within the extransly slose televeress.

How to low and finish those goard? That was the problem. The manu-Spetarer, Leon Avia Sec., Praise, ONs. as so many others, turned to LEA condemnests and accommended the wethork and commenters. Change Ins. to the UEA Marked resulted to complete this increased production and radiend countries relate.

To those who may be doubtful as to the east, speed, or effectnesses of their burning, polishing or having operefere, LEA techniques will be glad to give the benefit of their more were of superiors close their figure.

THE LEA MANUFACTURING CO. WATERSHIP SE CONN

Burden Balling and Robeling ... Handortown and Saudithor is the Resilience of

AVIATION NEWS . Sectorber 4, 1944

of 3 new McGRAW-HILL



PSSENTIALS OF APPLAL SURVEYING AMO PROTO INTERPRETATION Se Tellare Abrane President, Aberns Selent al Acres Lecunius and Phase Interpretates. Presi-inal, Abrana Explorer. Inc.

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GENERAL METROPOLOGY by Bares E. Rever, Andrews of Valuations, The Department of Officer Photo the need for an elicenterio, periodic resident of activities, favoring the theory and resident of the court, if weather emolody, it was

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AIR NAVIGATION MADE EAST

product named recently an expectly stoody committees for private gold & cating, charty on planned and Chanceard 124 rape 7th a \$8 95 to

AND W. 42rd St. New York M. N. Y. Obsessment Security No.

Parks Makes Mail Pickup Optional

an offer femler source with or without postel service. Purks Air Collogs, E St. Lesss.

Auronautica Board a system with The system without mail pickup designated for pickup. The alterwith current official thought in feasibility of units passenger planes for porkup service Non-Pickup System-Details of the non-pickup system are incornplete. The combination passenger,

reutes escanating from five strategic bases. Miliance Mills-Ports Air

mileage planced for the combon- + Two Daily Round Trips - Two tion receives of 14 268 would direct. Proved true a day, seven days a

at 33 cents per plane-male, with 1,000 personnel and a monthly 3 50 Beecheraft Planes Ordanid-On auton are 50 twin-section

cight. Each plane is to have a co- Kun priot acting also as mad sterk. The planes are to craine at 170 tude and are figured to average 120 raph over-all on the routes-

Service Changes Airline service changes reperted to CMI Aeronistiss Based, effective Sept. 1 unless

whose Recumption of erre Ellers W. Vs. on AM 20, local round true daily exsaldbootd record trap delay ea-sign Manday, curps only. New Yark-Chlorace as AM II addi-local record trap delay Man-thonic record trap delay Man-saldbootd record trap delay New Yark-Estrina as AM II also on leads it. additional record re-duly New Yark-Chaintay, action when passingers will be caprised when passingers will be caprised. When the control of the con-mit broad passingers delay. The wall-will dead it additional record will be caprised to the con-trol of the control beautiful and property of the control beautiful and many Manday Control States. Browill - All Rept. B reddfillers in read trip dishy Obseque-Dullan on AM 8 Houstenders Actions on AM 80, Dollandian Actions on AM 80, Dollandian Actions on AM 80, Dollandian Actions on AM 81, Dollandian Actions (Christia and AM 85, and opening the AM 85, and opening actions of the Chicago and Sections—Consi-ing services to Generowood Miss. on AM 8. Name of Baraning service at Surrough Bradecics, Fig. cs AM

FCA—Additional round brig-duly, Westwarter-Pilithersh et AM 18 Northin Defend on AM 14 Philosoph Bulling on AM 14 Northin Westwarter on AM 18 need Westkapton Bullinears on AM 18 United-Additional round trip tuly earnyl imaders. Montays and days other buildays, major only, New York-den President in AM L. on ZM L.

Opine, Unit, on ZM 13, rollings of Upine, Unit, on ZM 13, rollings of the Luke Lee Appelen on ZM 14, rollings on ZM 14, rollings on ZM 14, rollings on ZM 14, rollings on ZM 15, rollings on ZM 1

The system is played to supterritory of rome 6,000 square Base points and the terrografa lin Chenge and Daysmoot, lows.

Chicago-Portiac, Midland, Shrboygas, Riccans, St. Louis, Des

for cornecting and terminal stops. Fart Worth, Amerilla, Dodge City

Cargo Plane Rules Increasing use of domostic animo pinges for all-corus eral pictoise of Civil Agree tics Board safety regulations gaverning curps flights. The passenger regulations have Arrest questions CAB will socurador is the advisability of carred for pessenger ships will enemate up the more traffic with passeriper ships has caused same question as to the CAA to Open Navy's

Bermuda Control

approach corned center for the Navy at Bermada as seen as necessary equipment can be mutalled. The center will be responsible for streraft within a 150-mile radius and will be similar to a normal arport approach control system extended over a considerable water area

A Blended by CAA EcceptonTim center will be bended by a CAA Leathers, formerly cased of the carbo concentions four teletyme courators, a ration supersuper, face lotter assistant expense. The

Essair Reconverts

Essair, Inc., in reconverting two least quether month Efforts are Brecoversion, being done of Dellas, is he'ng pushed on one ship in Extends Bearing

LNDIUM

Prolonging the service late of bearings two lold, even threetold - reducing the corrosion from sold oil conditions - greing a more durable contact surface without lessening axis (riction. value .. INDRIM does all these through present in such small quantity that it is called the 'bearing winerer Applied through plating and dillaron rate the wearing surface of the bearing, the INDCOM is placed whose needed, and does not after the make-up of the alloy. Use of PROCOM bearings by a ranger motor track manufactures, a Dissal engine makes, and a reassalacturer of alectati engines, has rolled up impressive "Bold" proof of the remarkable "wearshipy" of B treated bearings. If you deal with bearings, or non-terrous metals in any application, let the INDIUM

specialists show what INDIUM mosh) do for were in the way of making the metal more We will be exhibiting in South B-612 at the National Metal Exposition in Cleveland.

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SHORTLINES recent Civil Accommutes Board de-

begin day and right service. Only additional navoratine facility reagreement between Mid-Continent inness number for any month in its

see sterensed from 1,330,000 pounds in 1942 to 2,000,000 in 1645, while air must weed up from \$42,000 populs to 288,000 neurals. Panaura nousces that the 43,814 photography



3 DC-3's for WAL Sharp Increases to renting Torn Wolfe, Western's vary

posity on the Los Angeles-

Western's Les Angeles-Sen

in service during July this year.

Breast Airways carned \$2,764 revturned planes July 6, boosted da 935,744 in June and 300,197 in July Addition of another DC-2 to

hThe Transportation and Babbo Ulfiffers branch of the Conntian Bayear said 28,513 in March. Revenue

New UAL Record allupares flights will give it a 1944 bollion pound - moles - nearly as miles carried by all domestic are Irana va 1941. John J. Hart Philip

the Post Office will receive a 60 to 72 mallion dellar profit on air moft. federating - Production

CAR ACTION

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Stare Airline Bill Draft of a proposed uniform

tion of such carriers is contained

AVIATION NEWS . September 4, 1944

17 Lines Take Issue With Bailey, Clark

Charge two Senisors gave wrong dutry's prepart of 'conswerrery company' proposit in McCorna.

for mobile bearing before Copy gress, task muse last week with some of the points made by Sone atons Builey and Clark of the Sen-

international air problems have \$ Biddle's Comment - Atterney bearings, the letter said, would be F'Wrong Impression'-The com-Clark of gaving a "wrong ampronmen' as to ser transport undestry's page" proposal embedied in the rath a proposal. Only Pan Amerrean and United preess the sarlines believe in the community

in occupation with the Serate

pose it. The IT understand that Contion 2 of that art. We trust that

States of the high place in inter- of State regarding this aspect of b Weinten by Berry-The Airbres! 8. Berce and was made public at

Northeast Airlines, also was an. War Production Board ordered in negrood. Rover being the corn. a revision of P-47 AVIATION NEWS . September 4, 2944

milier seven weeks upo as special; described their missive to the ference the arribes were not be opportunity for bearing on overseas route applications by the It is the Airlines Committee's attitude, Royce said, that while which the 27 strittes believe

Reyre and he is satisfied that

General Biddle, in his commont on McCorrop's bill, asserted that from engaging in fareign air transreceive financial and other support tred that is likely to exclude corntill involve a fundamental question of legalative polity in which the Department of Justice is the sponsibility for the enforcement of commany idea, and 17 strines up. the Sherman Art. I venture to suggest that the

committee should consider very enrefully whether the proposed plan will promote the progressive exest American sur commerce us nection, I also suggest that the committee may wash to weigh the

Ports Curb Fosed

pentiment of Revce as chairman, riol and economical equal to one

VICTORY HEADLINES **FEDDERS** AFTER COOLERS OIL COOLERS EADIATORS

LINES

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PRODUCTION

HEAT EXCHANGES DIVISION. BUFFALO 7. N. Y.

Reorganization Plan Of TWA in Effect

New representation department bearied by John A. Collings. rakes over all operating and service functions of aicline.

Transporting that & Western surling TWA officials announced came and Les Angeles, within the

constiction from the West Coast Personnel Expension-The whole tion for rapid expansion of commercial flying ofter the Pacific • Boodquarters Honolalu-Region It is designed to expedite pincement of TWA personnel now in arreed service, as well as the sernas Thu center bandles traffe As transportation vice president Collarge, formerly were president layen the West Coast and the nctivelies as well as operations





Out the full pill story from the

STATE PRODUCTS, INC. 900 Bear 63 h St., Lan Angelon L. Callf.





Formed by CAA

Fermeton of a math regional

office, covering the Hawaman

with the exception of those seckn) region, is renounced by the

The Adversaryation also due

On N. Y. Extensions

Civil Accounting Board lost

to New York This was countered

HEADS NEW TWA POST:

All members of the Board ex-

Control Tower Cut Blow to Airlines

centred towers, formerly operated cd to have exceeded a serious veolanew borns established on other fields affected The Army funds Oral Argument Heard

The Board was strongly usped cated by sta examplers on the recemmended route, which would New Orleans, La., Tampa, Fla. (enumorpal); Indianapolia, Ind.; Omnia, Neb; Daggett, Cnid; Oglocal fights cast of Maneapolis-PCA-TWA Arguments - Atter-Helora, Mani; Pacatella, Idaba; erating surport traffic control tow-

posted out that PCA compension with Army funds AVIATION NEWS . September 4, 1944

by objections from TWA, which was farmerly operated by CAA



NEW CONDUIT WRAPPER: vence man Charles Donorus,

CAB SCHEDULE

freiter dent.

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Destine the printed sublime is the Expland factor processing (forces 20 of all li-21 Facility data for the Photics passes before Example: Walless F. (mich. [foots d, 451 et al.) For S. Yamachu hearing date for any bounds for decide reason in the New England states (Docked over et al.).
For Mr. Yamanira hearing data. Month Fuella. has 18 (84). Transfer become data derivati ATA Seeks Data

On New Transport Airlines to seek appropriate on reversements for advanced lane-

estage shirt. sideration at the part concerittee which would be step beyond serhelf the time. The constant to liners now flying, dealing with

essedrel Tupe runs through a be general purpose, pranenger, formance, and every fundition. Thus most peints on performance to c such considerations as where the teen another deal with passenger tics. It is expected that all the onsween will be in far commission before the next meeting, which Here are some of the mattern on

General Purposs Number of proper dery, number of centines and barsopawer, rance, gross weight. doors and their location and man one, cerling height, food service-

Because - Surrented bandling Cress-Weight, deputy, defini, Performance - Crusing speed

mum operational ceiling with one engine out and standard gross revers 10 men headwind and no b Corne Facilities-Number of corn

Priority for Cabinet

sir travel pracrities on domestic poules over which ATC has priorrepresentatives have had the povelege for some time



Mr. Cordell Hull on the Issue of Competition

o mame of the United States for the benefit of All menous Fing Law, Eschon 200 (c) implies that APPARENTE MÉTES INCO APORTO de observad despo és un in finos e agines de January el forer Consoli fino los es-curses Commission, communique ses de sues el manera, monte presentante for a consolir en de sues el monte conferencia for a consolir en de forer Consolir consolir en consolir el consolir en que forer Consolir de la consolir en presenta de la consolir en presenta. Elé partir el consolir en consolir el product en presenta. Elé partir el consolir en consolir el consolir en presenta. Elé partir el consolir en consolir el consolir en presenta. Elé partir el consolir en consolir el consolir en presenta. Elé partir el consolir en consolir el consolir en presenta de la consolir el consolir en consolir el consolir en presenta de la consolir el consolir en consolir el consolir el consolir el consolir el consolir el consolir en consolir el consolir el consolir el consolir el consolir el consolir en consolir el con the company itself may happened with notified latered and provided that the depositional, when bequested that make available its services and footfless in furthernoon of such as possibles the better 902 (d) provides that the Security of State third just appearing approximate with any factory powersels of factory messes for the benefit of early are carried managed in ferrigh air trans-portation "early in farring provided" Certain con-iderations as set forth below indicate that these pro-vious way be undergrable. is series automorp that meet of the leading nations Al passent the department and the Carll Account-tion Board share the operate that percentages with feecorony experience with other amountained. As a mailer of fact, the experience of other countries is so veried that very few stefaults constanting can be drawn. our governments contrained avision rights should be anderpolen by the government rather than by indithat very few befinds constanting on the green. Before constants adopted the recopyler pulsary set supports before the second support of the property of the p

essition of any forcin londing ugles, even if they hap-pen to be requested by an ignivitial company. The is evidenced by the present tenteury arent Kuffan an-lians to recognic that the internet of their national ar-The United States does not fit lade over of these Another possi to be considered in the dispurity which press. On the contrary, our predominant position is the system; our country to so large that it offers an foregree controllings and and independent necessarily to con-

cet our onlying personnel and we are not pervented these constructs from several remainder.

This country is, therefore, free to inside a decision either for regulated exemptition or for recognition, depending on its extensive of the offset of such decision. air consecute. If was possible for foreign surfices to compete in the sasteral expects assured a smalle American compute in the sasteral superior than by using alpid frying print in the Conden Lofdkinsts, twee all one first contribute and one-half days as continued with the sast slays required for the service between Estates American Contribute and one-half days as continued with the sax slays required for the service between Estates American Salt States, which was

persied by an Accretion company—the fastance beadquied the moreopoly or so-eniled "chosen statement adapted the monopoly or so-ended "chosen trainessed" policy has been that such a policy, either intentionally or by about force of gravity, led to a government-owned system, or also to a system to completely goverroment operating in the coat of Great British, Figure the arriance started out as privace vertilines was were subsequently taken every by the state. The regularity of this tendency suggests that deter-mination is accept or reject the "threen instrument" theory might well turn apon whether it were desired in

rored or reject the probability of coverament super-

controlled Befinds line, equally, the United States has found if possible in the a regreter of lives; and that all the American lines in question have reached a high lave) of operating efficiency over fur-fluing world Section (dir (b) provides that "the Secretary of State

Straten, when at was the marks American company to the field of international ner transport, serantithe next or referentianal ner transport, transity followed the practice of negatiating with foreign governments as an individual emopany. With the advent of the varbecover, come of the exceptance of which the company of the data green to be a determine to our was effect and water therefore not in the best anterests of the creative protection in the proposed All Admirators Day Men. In the proposed All Admirators Day Men. In which the proposed All Admirators Day Men. In which the proposed All Admirators Day Men. In which the proposed All Admirators Day Men. In the proposed All Admirators Day Men. In the Men. In the proposed All Admirators Day Men. In the proposed All Admirators Day Men. In the Company of the public of the proposed All Admirators Day of the public of the proposed All Admirators Day of the public of the proposed All Admirators Day of the public of the pub however, seems of the arrangements which the compon The department foreign to difficulty in registrating

accountried subsection. For the share reasons, it is believed that the Secre-tory of State should be free in mercials agreements with fereign governments for the benefit of United States air cassaers in general and should not be been to amputate for one correct only; and that there should he no legislating manufacts which would pleet the de-partment's facilities at the sele remained of a useful company without allowing my discretion in the feeretary of State. Section 902 (e) provides that foreign agreements de



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